





Picnic Shelter

Spring Meadow Lake State Park

MT. FWP

Missoula Concrete Const.
Shop Drawings

Drawn By: Steve McShane

02-28-08

NOTES

1) MIX DESIGN 7.25R

Concrete Aggregate to be state specification material supplied by JTL Group

--One CY

Cement Cement Communication (Communication Communication Coarse Agg % Minus Coarse Agg %

.40 Cement / Water Ratio (Max.) Slump = 2.5-4"

Stripping Strength: 2,500 psi Final Strength: 4,000 psi

- 2) ALL REBAR IS GRADE 60 (ASTM A615)
- 3) REINFORCING WILL BE FASTENED WITH STANDARD WIRE TIES.
- 4) BARNWOOD TEXTURE WALLS
- 5) SHAKE TEXTURE ROOF
- 6) SHELTER IS DESIGNED TO ACCOMODATE A ROOF SNOW LOAD OF 60 P.S.F.

Designed for Spring Meadow Lake State Park

GENERAL NOTES

Unless specified otherwise, the following general notes shall apply to all the precast erection drawings.

ENERAL:

It is the responsibility of the General contractor to provide any Field Measurements required on drawings.

It is the responsibility of the General contractor to coordinate Precast Shop drawings with all other trades. (Structural Foundation, Electrical, Steel)

Architect/Engineer approval indicates acceptance of the dimensions shown herein, exposed finishes, and conformance with aesthetic requirements imposed by the precast panels and connections.

Unless otherwise noted on the approved drawings, General Contractor approval indicates all building conditions (column centerlines, floor elevations, foundation walls and grade beams, and dimensions) are in accordance with the Contract Documents.

TOLERANCES:

Precast products will be fabricated to tolerances specified in secion 5 of P.C.I. MNL-117 "Manual for Quality Control for Plants and Production of Precast Concrete Products."

BOWING & MOVEMENT:

This Prestressed structure is designed to move. Bowing due to temperature differential should be expected.

JOINTS:

All joints between precast members or between precast members and work by others are to be considered nominal dimensions only. Due to production, erection and general construction tolerance, these dimensions can vary.

OPENINGS:

Missoula Concrete Construction shall provide only those openings shown on their shop drawings. No opening shall be cut or drilled without MCC approval in writing.

CONCRETE:

It is the responsibility of the General Contractor to coordinate Precast Embed drawings with the Structural Foundation drawings.

ERECTION:

All field welding shall be E70XX.

All connections shall be completed as soon as possible following the precast member erection.

Construction stability of the precast structure during the erection is the responsibility of the precast erector.

Erector shall survey the site before erection and constantly examine the plumb and alignment of the precast member.

ERECTION STEEL:

Material supplied shall be as specified below unless otherwise noted in connection details and design.

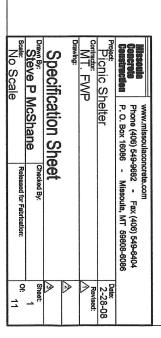
Hot rolled steel: A36 Bolts: Grade 5

Threaded rods: Grade 2 Rebar: Grade 60

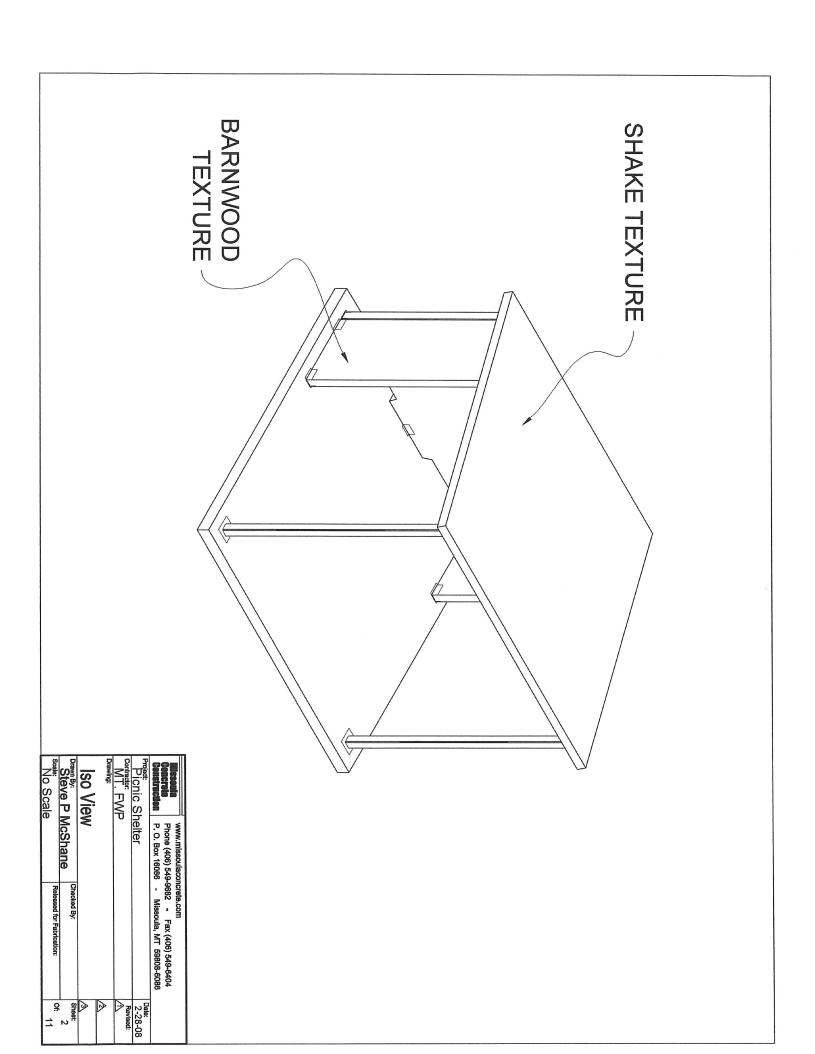
Coil rods: High Tensile

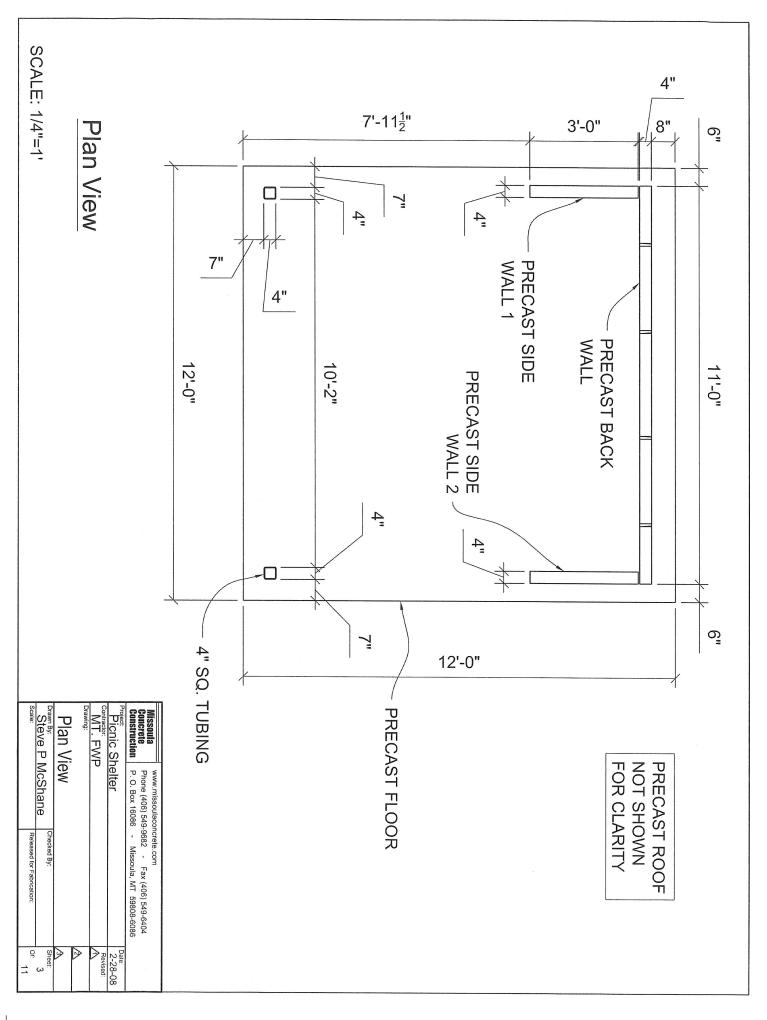
FIELD DRILLED ANCHORS:

No field drilled anchors shall be applied to any precast member without MCC written approval.



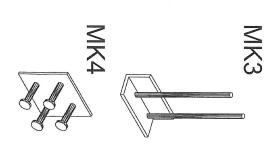
Specification Page

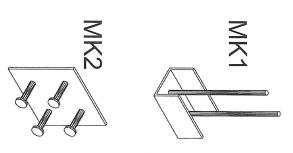


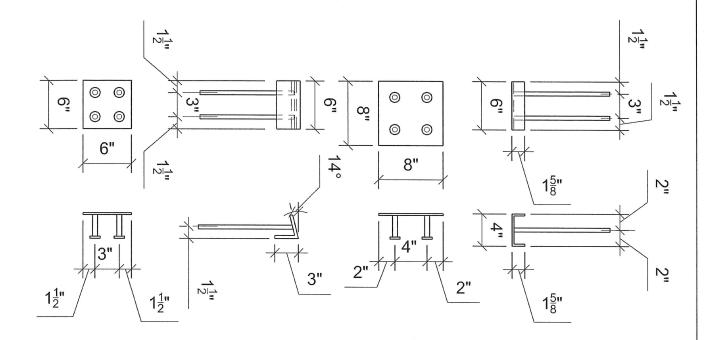


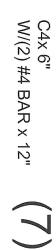
BACK WALL WALL PANEL SCALE: 1/4"=1" **PRECAST PRECAST** FLOOR TO ROOF 6'-10¹/₈" 4 PRECAST ROOF Side View II3'-0" Front and Side View 12'-0" 14° 12'-0" 4" SQ. TUBING **PRECAST** SIDE PANEL $7'-0\frac{1}{2}"$ PRECAST FLOOR ٧., 9'-9" 5" FLOOR TO ROOF ζ,, Front View Steve P McShane Missoula Concrete Construction Picnic Shelter Front / Side View MT. FWP 4" SQ. TUBING 12'-0" 10'-2" 12'-0" www.missoulaconcrete.com
Phone (406) 549-9682 - Fax (406) 549-6404
P. O. Box 16086 - Missoula, MT 59808-6086 Released for Fabrication 10'-0¹/₄" 2-28-08 4 5

SCALE: 1"=1'-0"









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L 3" x 3"x $\frac{3}{8}$ " x 0'-6" W/(2)#4 BAR x 12"

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	Steve P McShane	Page			ıelter	Phone (406) 549-9682 - P. O. Box 16086 - Miss	www.missoulaconcrete.com	
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